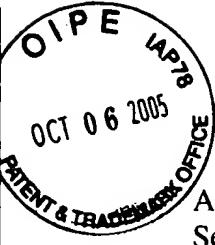


DOCKET NO: VSEA 009-00

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Joseph C. Olson et al.
Serial No: 09/826,274
Confirmation No: 2953
Filed: April 4, 2001
For: CATHODE ASSEMBLY FOR INDIRECTLY HEATED
CATHODE ION SOURCE
Examiner: Dalei Dong
Art Unit: 2879

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

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Janine Canillas
Janine Canillas

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Alexandria, VA 22313-1450

Sir:

FINAL AMENDMENT

In response to the Final Office Action mailed April 4, 2005, the following amendments and remarks in connection with the above-identified application are provided as follows.